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A word upon the authorship of the genus. Linnæus, as his manner is, writes "*Myosurus*, Dill." So, also, do Endlicher, Jussieu (except that he goes further back), De Candolle, Torrey and Gray, etc., etc. All this Mr. Greene must have overlooked, when, in his revision of *Myosurus*, he reclaimed this genus for Dillenius in a special foot-note, and supposed that he stood alone. The practice of recognizing the genera of Tournefort, Dillenius, and the like (when adopted by Linnæus, or subsequently taken up) is general, though not universal. Nevertheless one can understand and appreciate the reasons which governed the authors of the last *Genera Plantarum*, when they decided not to go back of Linnæus. Yet we prefer to follow a fairly established rule—to follow, indeed, the practice of Linnæus himself.

I add a key to the species of *Myosurus* so far as I now know them.

\* Mature carpels with back carinate from base to apex, not suberose nor cellular thickened.

† Scapose.

M. APETALUS, Gay.—Mature carpels oblong, thin-walled, with narrow prominently carinate back, prolonged into an ascending or loose beak; seed oblong.

Var. LEPTURUS.—Slender-spiked; carpels less carinate on the broader back; beak short and erect or obsolete; seed elongated-oblong.

M. MINIMUS, L.—Mature carpels somewhat quadrate, broad-backed; seed oval.

†† Scape none, even in fruit.

M. SESSILIS, Watson.—Carpels of the thickish spikes oval, more scarious-utricular, with narrow salient keel prolonged into a subulate beak; seed short, oval.

\*\* Mature carpels with cellular or suberose thickening around the salient and laterally flattened-beaked keel.

M. ALOPECUROIDES, Greene.—Short-scaped spikes thickish; oblong back of akenes with a soft-cellular border and barely concave, the body wholly scarious-cellular; seed oblong-oval.

M. CUPULATUS, Watson.—Slender-scapose and slender-spiked; mature akenes roundish, with corky or cartilaginous thickening of back and sides, forming a cupulate border around the triangular-subulate, much compressed beak; seed oval.

## Notes on the New Jersey Flora.

BY L. H. LIGHTHIPE.

At Rocky Hill, Somerset Co., N. J., I collected *Staphylea trifolia*, L.; *Orchis spectabilis*, L.; *Obolaria Virginica*, L.; *Panlownia imperialis*, Sieb. and Zucc. This last has escaped from cultivation and is growing among the rocks along the west bank

of the Millstone River. There are about a dozen trees, six or seven years old, in the woods, over a quarter of a mile from trees in cultivation, or from the nearest house.

At Woodbridge, Middlesex Co.: *Aquilegia vulgaris*, L.; *Ranunculus ambigens*, Watson; *Anmannia humilis*, Michx.; *Cuphea viscosissima*, Jacq.; *Centaurea nigra*, L.; *Datura Tatula*, L.; *Sabbatia stellaris*, Pursh., white flowers; *Gerardia purpurea*, L., white flowers; *Brunella vulgaris*, Tourn., white flowers; *Gerardia auriculata*, Michx., (the only known locality in New Jersey.)

At Sand Hills, three miles from Woodbridge, on the north side of the Raritan River: *Cypripedium acaule*, L.; *Lycopodium dendroideum*, Michx.; *Tephrosia Virginiana*, Pers.; *Magnolia glauca*, L.; *Andromeda Mariana*, L.; *Calopogon pulchellus*, R. Br.; *Arethusa bulbosa*, L.; *Pogonia ophioglossoides*, Nutt.; *Drosera rotundifolia*, L.; *Drosera longifolia*, L.; *Kalmia angustifolia*, L.; *Leucothoe racemosa*, Gray; *Epigæa repens*, L.; *Azalea viscosa*, L.; *Gerardia pedicularia*, L.; *Lonicera sempervirens*, Ait.; *Polygonum tenue*, Michx.; *Polygala cruciata*, L.; *Habenaria blephariglottis*, Hook.; *Eupatorium rotundifolium*, L.; *Eupatorium teucrifolium*, Willd.; *Euphorbia Ipecacuanhæ*, L.; *Aster linariifolius*, Hook.; *Chrysopsis Mariana*, Nutt.; *Pinus inops*, Ait. Many of these are peculiar to the Yellow Drift formation, of which this is, I believe, the extreme northern limit in Eastern New Jersey.

Near Spring Lake, Monmouth Co.: *Polygala polygama*, Walt.; *Limosella aquatica*, L.; var. *tenuifolia*, Hoffm.; *Aletris farinosa*, L.; *Monotropa Hypopitys*, L.

Near Bay Head, Ocean Co.: *Liatris spicata*, Willd.; *Limosella aquatica*, L.; var. *tenuifolia*, Hoffm.; *Utricularia gibba*, L.

At Perth Amboy: *Liatris spicata*, Willd.

### Southern Range of *Juncus Greenii*, Oakes and Tuck.

In the last edition of Gray's Manual of Botany this plant is credited to the "sandy coast of New England and on the Great Lakes near Detroit." It extends much farther southward, however, along the Atlantic coast. In the State Flora of New York